



even D. Girouard et al.

Title:

METHOD AND APPARATUS FOR CELL AND ELECTRICAL THERAPY OF LIVING

**TISSUE** 

Docket No.:

279.597US1

Filed:

November 25, 2003

Examiner:

Unknown

Serial No.: 10/722,115

Due Date: N/A

Group Art Unit: 1744

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

A return postcard. X

X A Communication Concerning Related Applications (1 pg.).

An Information Disclosure Statement (2 pgs.), Form 1449 (2 pgs.), and copies of 92 cited documents.

Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number 21186

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this \_\_\_\_\_ day of July, 2004.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

(GENERAL)

**PATENT** S/N 10/722,115

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Steven D. Girouard et al.

Examiner: Unknown

Serial No.:

10/722,115

Group Art Unit: 1744

Filed:

Docket: 279.597US1

November 25, 2003

LIVING TISSUE

## COMMUNICATION CONCERNING RELATED APPLICATION(S)

METHOD AND APPARATUS FOR CELL AND ELECTRICAL THERAPY OF

Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

> Applicants would like to bring to the Examiner's attention the following related application(s) in the above-identified patent application:

Serial/Patent No	o. Filing Date	Attorney Docket	<u>Title</u>
10/723,258	November 25, 2003	279.466US1	METHOD AND APPARATUS FOR
	•		CELL AND ELECTRICAL THERAPY OF LIVING TISSUE
			THERAPT OF LIVING TISSUE
10/788,906	February 27, 2004	279.696US1	METHOD AND APPARATUS FOR DEVICE CONTROLLED GENE EXPRESSION
10/862,716	June 7, 2004	279.697US1	METHOD AND APPARATUS TO MODULATE CELLULAR REGENERATION POST MYOCARDIAL INFARCT

Respectfully submitted,

STEVEN D. GIROUARD ET AL. By Applicants' Representatives,

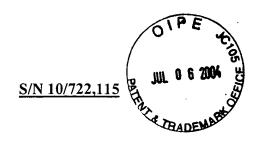
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

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(612) 373-6912

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Steven D. Girouard et al.

Examiner:

Unknown

Serial No.:

10/722,115

Group Art Unit:

1744

Filed:

November 25, 2003

Docket:

279.597US1

Title:

METHOD AND APPARATUS FOR CELL AND ELECTRICAL THERAPY OF

LIVING TISSUE

## INFORMATION DISCLOSURE STATEMENT

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

Filing Date: November 25, 2003

Title: METHOD AND APPARATUS FOR CELL AND ELECTRICAL THERAPY OF LIVING TISSUE

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

The present application is either a U.S. national patent application filed after June 30, 2003 or an international application that entered the national stage under 35 U.S.C. § 371 after June 30, 2003. Thus, Applicant believes that the U.S. Patent & Trademark Office has waived the requirement under 37 C.F.R. 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication. The waiver is provided in a pre-OG notice from the U.S. Patent & Trademark Office entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003" and dated July 11, 2003. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

Respectfully submitted,

STEVEN D. GIROUARD ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A. P.O. Box 2938
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Date JUly 2, 2014

Ampla M Luster

Atly: Janet E Embretson

Reg. No. 39,665

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Name

Signature

Substitute for form 1449A/PTO
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 14



Complete if Known	
Application Number	10/722,115
Filing Date	November 25, 2003
First Named Inventor	Girouard, Steven
Group Art Unit	1744
Examiner Name	Unknown

Attorney Docket No: 279.597US1

Examiner	USP Document	Publication Date	ATENT DOCUMENT  Name of Patentee or	Class	Subclass	Filing Date
Initial *	Number	Publication Date	Applicant of cited Document	Ciass	Subciass	If Appropriate
	2001/0000802	05/03/2001	Soykan, O., et al.	623	1.13	12/20/2000
	2001/0016193A1	08/23/2001	Engler, Robert L.	424	93.21	12/19/2000
	2001/0051148A1	12/13/2001	Tremblay, Jacques P.	424	93.1	11/10/1998
	2001/0055590A1	08/06/2001	Kurachi, Kotoku	424	93.21	08/06/2001
	2002/0001577A1	01/03/2002	Haverich, Axel, et al.	424	93.7	01/18/2001
-	2002/0012657A1	01/31/2002	Tremblay, Jacques P.	424	93.2	06/09/1999
	2002/0022259A1	02/21/2002	Lee, Ike W., et al.	435	226	01/16/2001
	2002/0026228A1	02/28/2002	Schauerte, P.	607	122	11/30/2000
	2002/0031501A1	03/14/2002	Law, Peter K.	424	93.21	05/31/2002
	2002/0031827A1	03/14/2002	Kanno, Shinichi, et al.	435	446	05/15/2001
	2002/0048800A1	04/25/2002	Gu, Yizhong, et al.	435	183	05/25/2001
	2002/0055530A1	05/09/2002	Neuberger, Timothy J., et al.	514	381	04/06/2001
	2002/0077311A1	06/20/2002	Leiden, Jeffrey, et al.	514	44	09/13/2001
	2002/0098167A1	07/25/2002	Anversa, Piero , et al.	424	93.7	07/31/2001
	2002/0110910A1	08/15/2002	Gwathmey, Judith K., et al.	435	325	11/21/2001
	2002/0124855A1	09/12/2002	Chachques, J. C.	128	898	03/11/2002
	2002/0127210A1	09/12/2002	Mickle, Donald A, et al.	424	93.21	01/29/2002
	2002/0133198A1	09/19/2002	Kramer, A. P., et al.	607	9	11/27/2001
	2002/0142457A1	10/03/2002	Umezawa, Akihiro, et al.	435	366	12/28/2000
	2002/0147172A1	10/10/2002	Podsakoff, Gregory M., et al.	514	44	03/05/2002
	2003/0004403	01/02/2003	Drinan, D., et al.	600	301	10/29/2001
	2003/0060854A1	03/27/2003	Zhu, Qingsheng	607	25	09/25/2001
	2004/0002739A1	01/01/2004	Cates, Adam W., et al.	607	6	06/28/2002
	US-3,692,027	09/19/1972	Ellinwood Jr, E.H.	128	260	04/23/1971
	US-4,003,379	01/18/1977	Ellinwood Jr., E.H.	128	260	09/24/1975
	US-4,146,029	03/27/1979	Ellinwood Jr., E. H.	128	260	05/31/1977
	US-4,202,340	05/13/1980	Langer, A. A., et al.	128	419	02/15/1978
	US-4,271,192	06/02/1981	Wurtman, R., et al.	424	319	02/19/1980
	US-4,281,664	08/04/1981	Duggan, Stephen R.	128	696	05/14/1997
	US-4,299,220	11/10/1981	Dorman, Frank D.	128	260	05/03/1979
	US-4,470,987	09/11/1984	Wurtman, R. J., et al.	424	259	05/18/1981
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PTO/SB/084 10-01)
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US Patent & Trademark Office, U.S. DEPARTMENT OF COMMERCE
on of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO	Complete if Known				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	10/722,115			
(Use as many sheets as necessary)	Filing Date	November 25, 2003			
	First Named Inventor	Girouard, Steven			
	Group Art Unit	1744			
	Examiner Name Unknown				
Sheet 2 of 14	Attorney Docket No: 2	279.597US1			

US-4,556,063	12/03/1985	Thompson, D. L., et al.	128	419 PT	12/07/1984
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US-4,651,716	03/24/1987	Forester, George et al.	128	1 D	11/01/1985
US-4,674,518	06/23/1987	Salo, R. W.	128	695	09/06/1985
US-4,686,987	08/18/1987	Salo, Rodney W., et al.	128	419 PG	03/29/1982
US-4,693,253	09/15/1987	Adams, T.	128	419 D	03/23/1981
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US-4,790,317	12/13/1988	Davies, David	128	419	10/27/1986
US-4,871,351	10/03/1989	Feingold, Vladimir	604	66	08/26/1987
US-4,880,005	11/14/1989	Pless, Benjamin D., et al.	128	419 PG	05/23/1988
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US-4,904,472	02/27/1990	Belardinelli, L., et al.	514	263	04/10/1987
US-4,924,875	05/15/1990	Chamoun, N. G.	600	509	10/09/1987
US-4,930,075	05/29/1990	Kortas, R. G.	364	413.06	06/06/1988
US-4,940,054	07/10/1990	Grevis, R., et al.	128	419 PG	04/29/1988
US-4,944,299	07/31/1990	Silvian, Sergiu	128	419 PG	08/08/1989
US-4,949,719	08/21/1990	Pless, B., et al.	128	419	04/26/1989
US-4,980,379	12/25/1990	Belardinelli, L., et al.	514	821	06/30/1988
US-4,987,897	01/29/1991	Funke, Hermann D.	128	419 PG	09/18/1989
US-5,002,052	03/26/1991	Haluska, E. A.	607	4	08/29/1988
US-5,014,698	05/14/1991	Cohen, T. J.	128	419	10/02/1989
US-5,040,533	08/20/1991	Fearnot, Neal E.	128	419 PG	12/29/1989
US-5,041,107	08/20/1991	Heil Jr., R.	604	891.1	10/06/1989
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US-5,087,243	02/11/1992	Avitall, Boaz	604	20	06/18/1990
US-5,113,869	05/19/1992	Nappholz, Tibor A., et al.	128	696	08/21/1990
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**EXAMINER** 

PTO/SB/08A(10-01)
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Substitute for form 1449A/PTO	Complete if Known				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	<b>Application Number</b>	10/722,115			
(Use as many sheets as necessary)	Filing Date	November 25, 2003			
	First Named Inventor	Girouard, Steven			
	Group Art Unit	1744			
	Examiner Name Unknown				
Sheet 3 of 14	Attorney Docket No: 279.597US1				

I Tu	S-5,199,428	04/06/1993	Obel, I. P., et al.	128	419 C	03/22/1991
	S-5,215,083	06/01/1993	Drane, G. A., et al.	128	419 D	10/07/1991
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	S-5,251,621	10/12/1993	Collins, K. A.	607	4	12/18/1991
	S-5,269,301	12/14/1993	Cohen, T. J.	607	6	10/19/1992
	S-5,282,836	02/01/1994	Kreyenhagen, P. E., et al.	607	4	10/23/1992
U	S-5,284,136	02/08/1994	Hauck, John A., et al.	607	24	05/13/1991
	S-5,292,338	03/08/1994	Bardy, G. H.	607	5	07/30/1992
. U	S-5,301,677	04/12/1994	Hsung, J.	128	705	02/06/1992
U	S-5,305,745	04/26/1994	Zacouto, F.	600	324	04/02/1992
	S-5,325,856	07/05/1994	Nitzsche, R , et al.	128	703	12/22/1992
U	S-5,334,222	08/02/1994	Salo, Rodney W., et al.	607	17	11/03/1992
U	S-5,342,408	08/30/1994	deCoriolis, P. E., et al.	607	32	01/07/1993
U	S-5,346,506	09/01/1994	Mower, M. M., et al.	607	7	11/10/1992
U	S-5,350,406	09/27/1994	Nitzsche, Remi , et al.	607	14	12/22/1992
U	S-5,353,800	10/11/1994	Pohndorf, Peter J., et al.	128	673	12/11/1992
U	S-5,354,317	10/11/1994	Alt, Eckhart	607	19	04/03/1992
U	S-5,366,485	11/22/1994	Kroll, M. W., et al.	607	5	10/27/1992
U	S-5,368,028	11/29/1994	Palti, Y.	128	635	06/16/1993
U	S-5,379,776	01/10/1995	Murphy, A. J., et al.	128	705	12/01/1993
U	S-5,391,190	02/21/1995	Pederson, B. D., et al.	607	23	04/07/1992
Ū	S-5,404,877	04/11/1995	Nolan, J.A., et al.	128	671	05/04/1993
U	S-5,405,362	04/11/1995	Kramer, G. C., et al.	607	5	12/20/1993
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U	S-5,417,717	05/23/1995	Salo, Rodney W., et al.	607	18	05/16/1994
U	S-5,431,682	07/11/1995	Hedberg, S. E.	607	5	09/02/1993
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U	S-5,458,619	10/17/1995	Olson, W. H.	607	4	11/29/1993
υ	S-5,460,605	10/24/1995	Tuttle, Ronald R., et al.	604	67	12/07/1993
U	S-5,464,434	11/07/1995	Alt, Eckhard	607	6	07/11/1994
U	S-5,476,503	12/19/1995	Yang, M.	607	129	03/28/1994
U	S-5,487,752	01/30/1996	Salo, Rodney W., et al.	607	17	11/15/1994

PTO/SB/08A(10-01)
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	First Named Inventor	Girouard, Steven			
	Group Art Unit	1744			
	Examiner Name Unknown				
Sheet 4 of 14	Attorney Docket No: 279.597US1				

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US-5,499,971	03/19/1996	Shapland, J. E., et al.	604	53	12/14/1993
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US-5,522,853	06/04/1996	Kroll, Mark W.	607	5	11/21/1994
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US-5,545,186	08/13/1996	Olson, W. H., et al.	607_	14	03/30/1995
US-5,545,205	08/13/1996	Schulte, T. J., et al.	607	123	02/09/1995
 US-5,551,953	09/03/1996	Lattin, Gary A., et al.	604	20	10/31/1994
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US\5,603,331	02/18/1997	Heemels, J. P., et al.	128	696	02/12/1996
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US-5,632,766	05/27/1997	Hsu, William	607	5	08/11/1995
US-5,634,899	06/03/1997	Shapland, J. E., et al.	604	51	01/04/1994
US-5,662,689	09/02/1997	Elsberry, Dennis, et al.	607	5	09/08/1995
 US-5,676,686	10/14/1997	Jensen, D. N., et al.	607	9	04/25/1996
US-5,681,735	10/28/1997	Emerson, Charles P., et al.	435	325	10/07/1994
 US-5,683,424	11/04/1997	Brown, C. G., et al.	607	5	06/13/1996
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 US-5,693,075	12/02/1997	Plicchi, G., et al.	607	17	03/04/1996
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US-5,709,215	01/20/1998	Perttu, J. S., et al.	128	708	09/06/1995
US-5,720,770	02/24/1998	Nappholz, Tibor A., et al.	607	30	10/06/1995
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**EXAMINER** 

PTC/SB/08A(10.01)
Approved for use through 10/31/2002, OMB 651-0031
US Patent & Trademak Office: U.S. DEPARTMENT OF COMMERCE
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(Use as many sheets as necessary)	Filing Date	November 25, 2003			
	First Named Inventor	Girouard, Steven			
	Group Art Unit	1744			
	Examiner Name Unknown				
Sheet 5 of 14	Attorney Docket No: 279.597US1				

US-	5,725,562	03/10/1998	Sheldon, Todd J.	607	19	06/28/1996
<del></del>	5,730,125	03/24/1998	Prutchi, D. , et al.	128	637	09/11/1996
<del></del>	5,730,141	03/24/1998	Fain, Eric S., et al.	128	705	06/07/1996
	5,733,727	03/31/1998	Field, Loren J.	435	6	06/07/1995
<del></del>	5,749,900	05/12/1998	Schroeppel, Edward A., et al.	607	4	12/11/1995
US-	5,772,604	06/30/1998	Langberg, Jonathan J., et al.	600	518	03/14/1997
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US-	5,797,967	08/25/1998	KenKnight, B. H.	607	4	09/27/1996
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	Examiner Name	Unknown		
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	Group Art Unit	1744		
	Examiner Name	Unknown		
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	Filing Date	November 25, 2003
	First Named Inventor	Girouard, Steven
	Group Art Unit	1744
	Examiner Name	Unknown
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